Giulio Rossetti

List of Publications by Year
in descending order

49 papers	1,186 citations	758635 12 h-index	476904 29 g-index
56 all docs	56 docs citations	56 times ranked	921 citing authors

#	Article	IF	Citations
1	Community Discovery in Dynamic Networks. ACM Computing Surveys, 2019, 51, 1-37.	16.1	279
2	DEMON. , 2012, , .		160
3	Tiles: an online algorithm for community discovery in dynamic social networks. Machine Learning, 2017, 106, 1213-1241.	3.4	109
4	CDLIB: a python library to extract, compare and evaluate communities from complex networks. Applied Network Science, 2019, 4, .	0.8	73
5	Uncovering Hierarchical and Overlapping Communities with a Local-First Approach. ACM Transactions on Knowledge Discovery From Data, 2014, 9, 1-27.	2.5	53
6	NDlib: a python library to model and analyze diffusion processes over complex networks. International Journal of Data Science and Analytics, 2018, 5, 61-79.	2.4	52
7	$ext{RD}small{ext{YN}}$: graph benchmark handling community dynamics. Journal of Complex Networks, 2017, 5, 893-912.	1.1	38
8	Quantification Trees. , 2013, , .		36
9	A Novel Approach to Evaluate Community Detection Algorithms on Ground Truth. Studies in Computational Intelligence, 2016, , 133-144.	0.7	30
10	Identifying and exploiting homogeneous communities in labeled networks. Applied Network Science, 2020, 5, .	0.8	26
11	Scalable Link Prediction on Multidimensional Networks. , 2011, , .		25
12	Personalized Market Basket Prediction with Temporal Annotated Recurring Sequences. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2151-2163.	4.0	22
13	"How Well Do We Know Each Other?" Detecting Tie Strength in Multidimensional Social Networks. , 2012, , .		21
14	Toward a Standard Approach for Echo Chamber Detection: Reddit Case Study. Applied Sciences (Switzerland), 2021, 11, 5390.	1.3	19
15	Market Basket Prediction Using User-Centric Temporal Annotated Recurring Sequences. , 2017, , .		18
16	Interaction Prediction in Dynamic Networks exploiting Community Discovery. , 2015, , .		17
17	A supervised approach for intra-/inter-community interaction prediction in dynamic social networks. Social Network Analysis and Mining, 2016, 6, 1.	1.9	17
18	Towards the Dynamic Community Discovery in Decentralized Online Social Networks. Journal of Grid Computing, 2019, 17, 23-44.	2.5	14

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19	"You know because I know". , 2013, , .		12
20	Conformity: A Path-Aware Homophily Measure for Node-Attributed Networks. IEEE Intelligent Systems, 2021, 36, 25-34.	4.0	11
21	Community-centric analysis of user engagement in Skype social network. , 2015, , .		10
22	Quantification in social networks. , 2015, , .		10
23	Node-centric Community Discovery: From static to dynamic social network analysis. Online Social Networks and Media, 2017, 3-4, 32-48.	2.3	9
24	Dynamic Community Detection. , 2017, , 1-10.		9
25	Challenges in Community Discovery on Temporal Networks. Computational Social Sciences, 2019, , 181-197.	0.4	9
26	NDlib: Studying Network Diffusion Dynamics. , 2017, , .		8
27	Dynamic Community Analysis in Decentralized Online Social Networks. Lecture Notes in Computer Science, 2018, , 517-528.	1.0	8
28	Evaluating community detection algorithms for progressively evolving graphs. Journal of Complex Networks, 2021, 8, .	1.1	8
29	Homophilic network decomposition: a community-centric analysis of online social services. Social Network Analysis and Mining, 2016, 6, 1.	1.9	6
30	ANGEL: efficient, and effective, node-centric community discovery in static and dynamic networks. Applied Network Science, 2020, 5, .	0.8	6
31	Forecasting success via early adoptions analysis: A data-driven study. PLoS ONE, 2017, 12, e0189096.	1.1	6
32	Active and passive diffusion processes in complex networks. Applied Network Science, 2018, 3, 42.	0.8	5
33	Predicting seasonal influenza using supermarket retail records. PLoS Computational Biology, 2021, 17, e1009087.	1.5	5
34	X-Mark: a benchmark for node-attributed community discovery algorithms. Social Network Analysis and Mining, 2021, 11, 1.	1.9	5
35	Audio Ergo Sum. Lecture Notes in Computer Science, 2016, , 51-66.	1.0	5
36	Efficient distributed computation of human mobility aggregates through user mobility profiles. , 2012, , .		3

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37	The italian music superdiversity. Multimedia Tools and Applications, 2019, 78, 3297-3319.	2.6	3
38	UTLDR: an agent-based framework for modeling infectious diseases and public interventions. Journal of Intelligent Information Systems, 2021, 57, 1-22.	2.8	3
39	The Fractal Dimension of Music: Geography, Popularity and Sentiment Analysis. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 183-194.	0.2	3
40	Eva: Attribute-Aware Network Segmentation. Studies in Computational Intelligence, 2020, , 141-151.	0.7	2
41	Football Market Strategies: Think Locally, Trade Globally. , 2016, , .		1
42	Diffusive Phenomena in Dynamic Networks: A Data-Driven Study. Springer Proceedings in Complexity, 2018, , 151-159.	0.2	1
43	NDlib. , 2018, , .		1
44	Dynamic Community Detection. , 2018, , 669-678.		1
45	Opinion Dynamic Modeling of Fake News Perception. Studies in Computational Intelligence, 2021, , 370-381.	0.7	1
46	DSS 2018 Foreword. , 2018, , .		0
47	Community-Aware Content Diffusion: Embeddednes and Permeability. Studies in Computational Intelligence, 2020, , 362-371.	0.7	0
48	â€œKnow Thyselfâ€•How Personal Music Tastes Shape the Last.Fm Online Social Network. Lecture Notes in Computer Science, 2020, , 146-161.	1.0	0
49	DynComm. International Journal of Open Source Software and Processes, 2021, 12, 0-0.	0.5	0